

ABSTRACT

A method and system are disclosed for receiver-characterized power setting in a cellular communication system. In accordance with exemplary embodiments of the present invention, a first transmission power is set for a first connection with a first type of mobile station. The first connection targets a first radio channel quality. A second transmission power is set for a second connection with a second type of mobile station. The second connection targets a second radio channel quality. The first type of mobile station uses a first type of speech unit that is less robust to poor radio channel quality than a second type of speech unit used by the second type of mobile station. The first and second transmission powers are set according to at least a type of speech unit used by the first and second types of mobile stations, respectively, when transmitting speech.